

KEYNOTES:



- 1 COMBUSTION TURBINE (CT), GENERATOR, AND AUXILIARY EQUIPMENT. (FOR EACH UNIT):
 - A MAIN TURBINE GENERATOR SKID ENCLOSURE
 - B 15KV SWITCHGEAR
 - C AUXILIARY CT EQUIPMENT SKID
 - D TEMPERING AIR FANS
 - E EMISSION CONTROL SYSTEM-SCR
 - F STACK
 - G AMMONIA VAPORIZATION SKID
 - H CEMS ENCLOSURE WITH TRANSFORMER AND CAL GAS STORAGE
 - I CT FIN FAN COOLER
 - J AMMONIA STORAGE TANK (COMMON TO UNITS)
 - K AMMONIA FORWARDING PUMP SKID (COMMON TO UNITS)
 - L AMMONIA UNLOADING PAD, SPILL CONTAINMENT (COMMON TO UNITS)
 - M TURBINE REMOVAL SUPPORTS
 - N AIR INLET FILTER
 - O GENERATOR BUS DUCT
 - P INLET AIR CHILLER AND COOLING TOWERS (COMMON TO UNITS)
- 2 SERVICE BUILDING FOR CONTROL ROOM, ELECTRICAL EQUIPMENT, AND FIRE PUMPS.
- 3 SITE SECURITY CHAINLINK FENCE AND GATES.
- 4 FUEL GAS COMPRESSOR, SOUND WALL AND RELATED EQUIPMENT.
- 5 FUEL GAS FILTER/SEPARATOR EQUIPMENT.
- 6 TEMPORARY WATER TREATMENT TRAILER CONCRETE PAD.
- 7 DEMIN. WATER PUMP SKID AND RELATED EQUIPMENT.
- 8 DEMIN. WATER STORAGE TANK.
- 9 RAW WATER FIREWATER STORAGE TANK.
- 10 AUX. TRANSFORMERS.
- 11 480V & 5KV CB SWITCHGEAR.
- 12 BLACKSTART GENERATOR.
- 13 GAS METERING STATION.
- 13a COALESCING FILTER SKID.
- 14 FUEL GAS COMPRESSOR INTER-STAGE FIN-FAN COOLER.
- 15 13.8KV-69KV STEP-UP TRANSFORMER.
- 16 69KV DISCONNECT SWITCH AND SUPPORTS.
- 17 69KV CIRCUIT BREAKER.
- 18 69KV CIRCUIT SWITCHER.
- 19 69KV DEAD-END STRUCTURE AND DISCONNECT SWITCH.
- 20 UNDERGROUND SANITARY SYSTEM.
- 21 GRADES SHOWN ARE FINISHED GRADE, 8" DEEP CRUSHED ROCK PAVEMENT INSIDE EXISTING SECURITY FENCE, STABLE DRIVING SURFACE AND POSITIVE DRAINAGE WILL BE MAINTAINED THROUGHOUT CONSTRUCTION. SUBSTATION CRUSHED ROCK PAVEMENT SHALL BE CLASS II MATERIAL.
- 22 WASTEWATER STORAGE TANK.
- 23 EMERGENCY CONTAINMENT TANK.
- 24 TEMPORARY CONSTRUCTION TRAILERS.
- 25 TEMPORARY CONNEXES/LOCK BOXES.
- 26 TEMPORARY CONSTRUCTION STAGING.
- 27 TEMPORARY CONSTRUCTION PRE-ASSEMBLY.
- 28 TEMPORARY CONSTRUCTION PARKING.

NOTES:

- 1. ALL GRADELINES AND ELEVATIONS ARE BASED ON USGS TOPO 20' CONTOURS. ALL OTHER CONTOURS HAVE BEEN DRAWN TO REPRESENT LIKELY EXISTING ELEVATIONS. AS A RESULT, PROPOSED CONTOURS AND ELEVATIONS SHOULD BE VIEWED AS PRELIMINARY.
- 2. THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSIONS BEFORE COMMENCING SUCH ACTIVITY.

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED GAS LINE
- PROPOSED UNDERGROUND ELECTRICAL
- PROPOSED UTILITY BORING
- PROPOSED WATERLINE
- EXISTING T&D LINE
- EXISTING FENCE
- EXISTING ROAD
- PROPOSED FENCE
- PARCEL LINE
- DRAINAGE PATH
- PROPOSED SILT FENCE EROSION CONTROL
- PROPOSED RIP RAP
- PROPOSED CRUSHED ROCK SURFACE
- PROPOSED CONCRETE
- PROPOSED NATIVE GROUND COVER
- PROPOSED LANDSCAPING
- EXISTING TREES WITHIN DRAINAGE

REV.	DATE	DESCRIPTION	DWN	CHK
0	7-5-07	ISSUED FOR CEC PERMIT APPLICATION	BGG	WHR
Sealed Only When Signed in Blue Ink				
<div><div></div><div>Engineers — Architects — Technicians Design — Construction — Field Service 16041 Foster P.O. Box 1000 Stilwell, Kansas 66085-1000</div></div>				
<div><div></div><div>J-POWER USA Development Co., Ltd</div></div>				
ORANGE GROVE PROJECT				
SITE LAYOUT PLAN				
DESIGN BY: B. ROMINES		CHECKED BY: J. BONDANK		
DRAWN BY: B. GASPERS		DATE: 4-13-07		
CLIENT I.D. JP000101		SEGA PROJECT NO. 07-098		
CADD FILE NAME: 07098-C100.dwg				
DRAWING NO. C100				REV. 0